

FORM PCT-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 12-2004)

ATTORNEY'S DOCKET NUMBER

112857-456

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

Unknown **10/536599**

INTERNATIONAL APPLICATION NO.

PCT/JP03/14977

INTERNATIONAL FILING DATE

November 25, 2003

PRIORITY DATE CLAIMED

December 12, 2002

TITLE OF INVENTION

FUEL CELL AND ELECTRONIC APPARATUS WITH THE SAME MOUNTED THEREON

APPLICANT(S) FOR DO/EO/US

Watanabe et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. **EV551757929 US**
23. ☒ Other items or information:

**Form PCT/IB/301, 304, 308, PCT/ISA/220;  
Formal Drawings (13 sheets);  
Return receipt postcard.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><div style="font-size: 2em; font-weight: bold; text-align: center;">107536599</div> <div style="text-align: center;">Unknown</div>  |              | INTERNATIONAL APPLICATION NO.<br><div style="text-align: center; font-weight: bold;">PCT/JP03/14977</div> |            | ATTORNEY'S DOCKET NUMBER<br><div style="text-align: center; font-weight: bold;">112857-456</div>   |  |               |            |           |  |           |  |           |  |             |  |
|--|--------------|---|------------|--|--|---------------|------------|-----------|--|-----------|--|-----------|--|-------------|--|
| 24. The following fees are submitted:<br><input checked="" type="checkbox"/> a) Basic national fee ..... \$300.00<br><input checked="" type="checkbox"/> b) Examination fee ..... \$200.00<br><input checked="" type="checkbox"/> c) Search fee ..... \$500.00<br><div style="text-align: right; font-weight: bold;">TOTAL OF ABOVE CALCULATIONS = \$1000.00</div>   |              |   |            | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">Applicant use</th> <th style="width:50%;">Office use</th> </tr> <tr> <td>\$ 300.00</td> <td></td> </tr> <tr> <td>\$ 200.00</td> <td></td> </tr> <tr> <td>\$ 500.00</td> <td></td> </tr> <tr> <td>\$ 1,000.00</td> <td></td> </tr> </table> |  | Applicant use | Office use | \$ 300.00 |  | \$ 200.00 |  | \$ 500.00 |  | \$ 1,000.00 |  |
| Applicant use  | Office use   |   |            |  |  |               |            |           |  |           |  |           |  |             |  |
| \$ 300.00  |              |   |            |  |  |               |            |           |  |           |  |           |  |             |  |
| \$ 200.00  |              |   |            |  |  |               |            |           |  |           |  |           |  |             |  |
| \$ 500.00  |              |   |            |  |  |               |            |           |  |           |  |           |  |             |  |
| \$ 1,000.00  |              |   |            |  |  |               |            |           |  |           |  |           |  |             |  |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |   |            |  |  |               |            |           |  |           |  |           |  |             |  |
| Total Sheets   | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole)                                    | RATE       |  |  |               |            |           |  |           |  |           |  |             |  |
| - 100 =  | /50 =        |   | x \$250.00 |  |  |               |            |           |  |           |  |           |  |             |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |   |            | \$   |  |               |            |           |  |           |  |           |  |             |  |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA  | RATE       |  |  |               |            |           |  |           |  |           |  |             |  |
| Total claims   | 41 - 20 =    | 21  | x \$50.00  | \$ 1,050.00  |  |               |            |           |  |           |  |           |  |             |  |
| Independent claims   | 4 - 3 =      | 1   | x \$200.00 | \$ 200.00  |  |               |            |           |  |           |  |           |  |             |  |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00  |              |   |            | \$ 0.00  |  |               |            |           |  |           |  |           |  |             |  |
| TOTAL OF ABOVE CALCULATIONS =  |              |   |            | \$ 2,250.00  |  |               |            |           |  |           |  |           |  |             |  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |   |            | \$ 0.00  |  |               |            |           |  |           |  |           |  |             |  |
| SUBTOTAL =   |              |   |            | \$ 2,250.00  |  |               |            |           |  |           |  |           |  |             |  |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |   |            | \$ 0.00  |  |               |            |           |  |           |  |           |  |             |  |
| TOTAL NATIONAL FEE =   |              |   |            | \$ 2,250.00  |  |               |            |           |  |           |  |           |  |             |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +  |              |   |            | \$ 0.00  |  |               |            |           |  |           |  |           |  |             |  |
| TOTAL FEES ENCLOSED =  |              |   |            | \$ 2,250.00  |  |               |            |           |  |           |  |           |  |             |  |
| Amount to be refunded:   |              |   |            | \$   |  |               |            |           |  |           |  |           |  |             |  |
| Amount to be charged:  |              |   |            | \$   |  |               |            |           |  |           |  |           |  |             |  |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>2,250.00</u> to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is _____<br>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-1818</u> . A duplicate copy of this sheet is enclosed.<br>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. |              |   |            |  |  |               |            |           |  |           |  |           |  |             |  |
| <b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.  |              |   |            |  |  |               |            |           |  |           |  |           |  |             |  |
| SEND ALL CORRESPONDENCE TO:<br><div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">           Thomas C. Basso<br/>           Reg. No. 46,541<br/>           BELL, BOYD &amp; LLOYD LLC<br/>           P.O. Box 1135<br/>           Chicago, IL 60690-1135<br/>           Phone: 312-807-4310         </div> <div style="width: 45%; text-align: right;"> <div style="margin-bottom: 10px;">            SIGNATURE<br/>           Thomas C. Basso         </div> <div>           NAME<br/>           46,541<br/>           REGISTRATION NUMBER         </div> </div> </div>  |              |   |            |  |  |               |            |           |  |           |  |           |  |             |  |

JC13 Rec'd PCT/PTO 26 MAY 2009

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Watanabe et al.  
Appl. No.: Unknown  
Filed: Herewith  
Title: FUEL CELL AND ELECTRONIC APPARATUS WITH THE SAME  
MOUNTED THEREON  
Art Unit: Unknown  
Examiner: Unknown  
Docket No.: 112857-456

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10

Sir:

I hereby certify that the following documents relating to the above-identified application:

1. Transmittal Letter (dup.);
2. Int'l App. as filed including Int'l Search Report (53 pgs.);
3. English Trans. of Int'l App. as filed (81 pgs.) including 13 sheets of Formal Drawings;
4. Unexecuted Dec. and POA (4 pgs.);
5. Preliminary Amendment (75 pgs.);
6. Form PCT/IB/301, 304, 308, PCT/ISA/220, 210;
7. Check in the amount of \$2,250.00; and
8. Return receipt postcard.

are being deposited with the United States Postal Service with sufficient postage as

Express Mail in an envelope addressed to:

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on May 26, 2005.

Respectfully submitted,

BELL, BOYD &amp; LLOYD LLC

Heather Foster

Name of Person Mailing Correspondence

Signature

EV 551757929 US Express Mail Mailing Label No.